



Release Notes

FortiAP 7.2.2



FORTINET DOCUMENT LIBRARY

<https://docs.fortinet.com>

FORTINET VIDEO GUIDE

<https://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTINET TRAINING & CERTIFICATION PROGRAM

<https://www.fortinet.com/training-certification>

NSE INSTITUTE

<https://training.fortinet.com>

FORTIGUARD CENTER

<https://www.fortiguard.com>

END USER LICENSE AGREEMENT

<https://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdoc@fortinet.com



April 20, 2023

FortiAP 7.2.2 Release Notes

20-722-880885-20230420

TABLE OF CONTENTS

Change log	4
Introduction	5
Supported models	5
New features or enhancements	6
Upgrade and downgrade information	7
Upgrading to FortiAP version 7.2.2	7
Downgrading to previous firmware versions	7
Firmware image checksums	7
Supported upgrade paths	7
Product integration support	8
Resolved issues	9
Common vulnerabilities and exposures	10
Known issues	11

Change log

Date	Change description
2023-02-14	Initial release.
2023-02-22	Updated Supported models on page 5 , Product integration support on page 8 , and Known issues on page 11 .
2023-04-20	Added Common vulnerabilities and exposures on page 10 .

Introduction

This document provides release information for FortiAP version 7.2.2, build 0318.

For more information about your FortiAP device, see the [FortiWiFi and FortiAP Configuration Guide](#).

Supported models

FortiAP version 7.2.2, build 0318 supports the following models:

Wi-Fi 6 Models

FAP-231F, FAP-234F, FAP-23JF,
FAP-431F, FAP-432F, FAP-433F,
FAP-831F

Wi-Fi 6E Models

FAP-231G (build 5072), FAP-233G (build 5072),
FAP-431G (build 5072), FAP-433G (build 5072)

New features or enhancements

The following table includes FortiAP version 7.2.2 new features and enhancements:

Bug ID	Description
831005	<p>Report to FortiGate WiFi Controller the information of wired clients on the LAN port that is bridged to a tunnel-mode SSID.</p> <p>The LAN port is applicable in either case:</p> <ul style="list-style-type: none">• LAN port of FortiAP model(s) with LAN and WAN ports;• LAN2 port of FortiAP model(s) with LAN1 and LAN2 ports (when WAN-LAN mode is configured on both the FortiGate and the FortiAP). <p>Details about wired clients are displayed in:</p> <ul style="list-style-type: none">• the FortiGate CLI using <code>"diagnose wireless-controller wlac -c lan-sta"</code> and• the FAP CLI using <code>"cw_diag -c k-lan-host"</code>.

Upgrade and downgrade information

Upgrading to FortiAP version 7.2.2

FortiAP 7.2.2 supports upgrading from FortiAP version 7.0.3 and later.

Downgrading to previous firmware versions

FortiAP 7.2.2 supports downgrading to FortiAP version 7.0.3 and later.

Firmware image checksums

To get the MD5 checksum code for a Fortinet firmware image, perform the following steps:

1. Go to the [Fortinet Support](#) website.
2. Log in to your account. If you do not have an account, create one and then log in.
3. From the top banner, select **Download > Firmware Image Checksums**.
4. Enter the image file name, including the extension. For example, FAP_221C-v6-build0030-FORTINET.out.
5. Click **Get Checksum Code**.

Supported upgrade paths

To view all previous FortiAP versions, build numbers, and their supported upgrade paths, see the [Fortinet Documentation](#) website.

Product integration support

The following table lists product integration and support information for FortiAP version 7.2.2:

FortiOS	FortiOS 7.2.4 and later. Note: FortiOS 7.0.8, 7.2.1 and later for FAP-231G, FAP-233G, FAP-431G and FAP-433G management.
Web browsers	Microsoft Edge version 41 and later. Mozilla Firefox version 59 and later. Google Chrome version 65 and later. Apple Safari version 9.1 and later (for Mac OS X). Other web browsers may work correctly, but Fortinet does not support them.



We recommend that the FortiAP firmware version be matched with the respective FortiOS version, when available. Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, Fortinet Support will ask that the versions be matched, as recommended, before troubleshooting.

Resolved issues

The following issues have been resolved in FortiAP version 7.2.2. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
655855	Fixed a kernel panic issue: <code>Excep :0 Exception detected, Assertion failed! 0:ol_ath_ahb_ssr.</code>
686411	Fixed a kernel panic issue in function call <code>dev_hard_start_xmit.</code>
712335	Fixed a kernel panic issue in function call <code>wlan_objmgr_peer_release_ref.</code>
740358	Fixed a kernel panic issue <code>PC is at ftnt_siw_sta_ip_enforce.</code>
741017	FortiAP received too many false "antenna defect detected" logs.
767916	When wireless clients are connected to different radios of the same tunnel-mode SSID with static or dynamic VLAN, they cannot ping each other.
777583	Fixed a kernel panic issue <code>Assertion failed in cce_metadata, PC is at dp_rx_update_protocol_tag+0x134/0x180.</code>
795661	Wireless clients on mesh-leaf FortiAP could not communicate with wired clients behind a switch connected to mesh-Ethernet bridge.
815953	FAP-831F would lose network connection when using the LAN2 port.
825771	Fixed a kernel panic issue <code>PC is at ftnt_cinfo_update_rx.</code>
829304	FortiAP didn't properly report LLDP neighbors to FortiGate WiFi Controller.
832926	FortiLAN Cloud Captive Portal didn't work with NAT mode and Deny Local LAN.
836078	Local-bridging SSID with external captive portal could not invoke MAC Authentication Bypass (MAB) on Cisco ISE, when wireless clients disconnected and then reconnected.
844578	Fixed FAP-431F, FAP-432F and FAP-433F wireless coverage issue caused by relatively low transmit power.
851785	Fixed a kernel panic issue <code>ar_wal_ast.c:2083 Assertion sw_peer_key failed.</code>
855540	Split tunneling didn't work as FortiAP couldn't get an IP address from the tunnel VAP interface.
856095	With heavy-traffic wireless stations, FortiAP transmitting and receiving bandwidth values were not correct.
859528	The priority order of multiple AC IP addresses in DHCP Offer was not honored.
867693	FortiAP Ethernet connection would randomly become stuck when VLAN bridges were created on the link aggregation group of LAN1 and LAN2 ports.
868752	FortiAP with region code E cannot support country code SA (Saudi Arabia).

Bug ID	Description
871392	FortiAP Ethernet connection would randomly become stuck when more than 10 VLAN bridges were created (by using MPSK-VLAN feature).
877951	Fixed a kernel panic issue PC is at ieee80211_wids_mgmt_flood_check+0xc8/0x370.
880060	Fixed a kernel panic issue PC is at scm_iterate_scan_db_rssi+0x194/0x3a0.
880219	802.11b client could not connect to FortiAP on the 2.4GHz 802.11ax/n/g/b band.

Common vulnerabilities and exposures

FortiAP 7.2.2 is no longer vulnerable to the following common vulnerabilities and exposures (CVE) references:

Bug ID	Description
802993	CVE-2023-25608 (Arbitrary file read through the CLI).

Visit <https://fortiguard.com> for more information.

Known issues

The following issues have been identified in FortiAP version 7.2.2. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support website](#).

Bug ID	Description
692160	Wireless packets captured by FortiAP radio in Sniffer mode are corrupted.
761298	FAP-234F Bluetooth Low Energy (BLE) function cannot work.
825182	Wi-Fi 6E 6GHz channels are not available in some regions or countries.



www.fortinet.com

Copyright© 2023 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.